

1 / 28

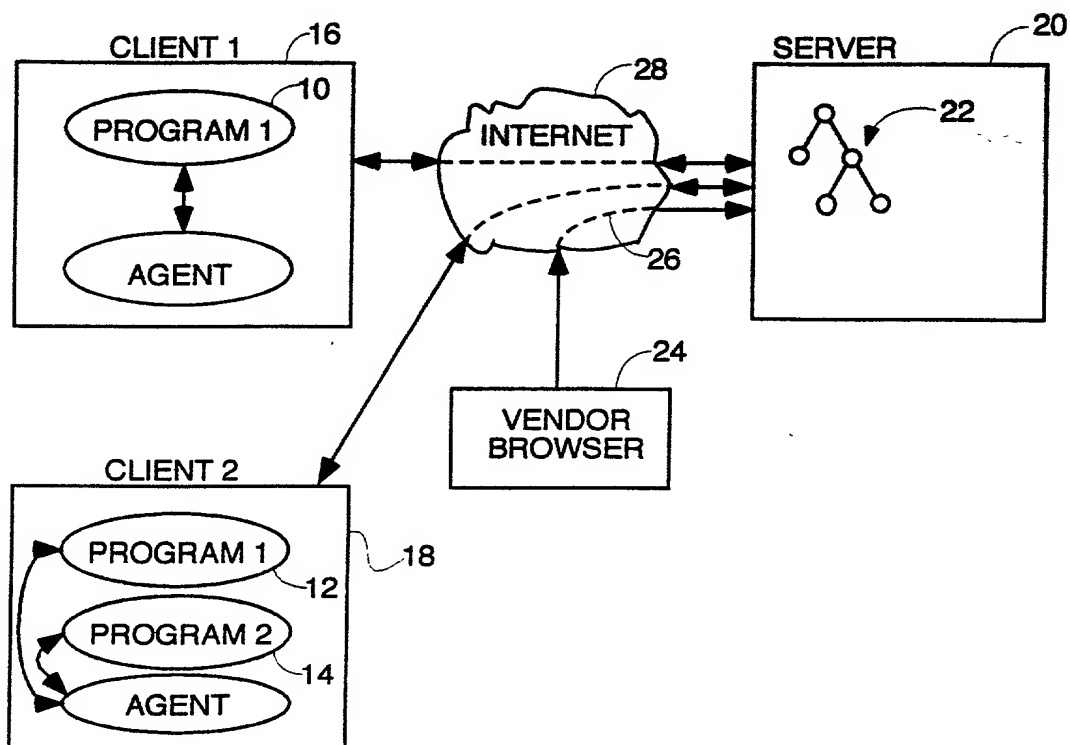


FIG. 1

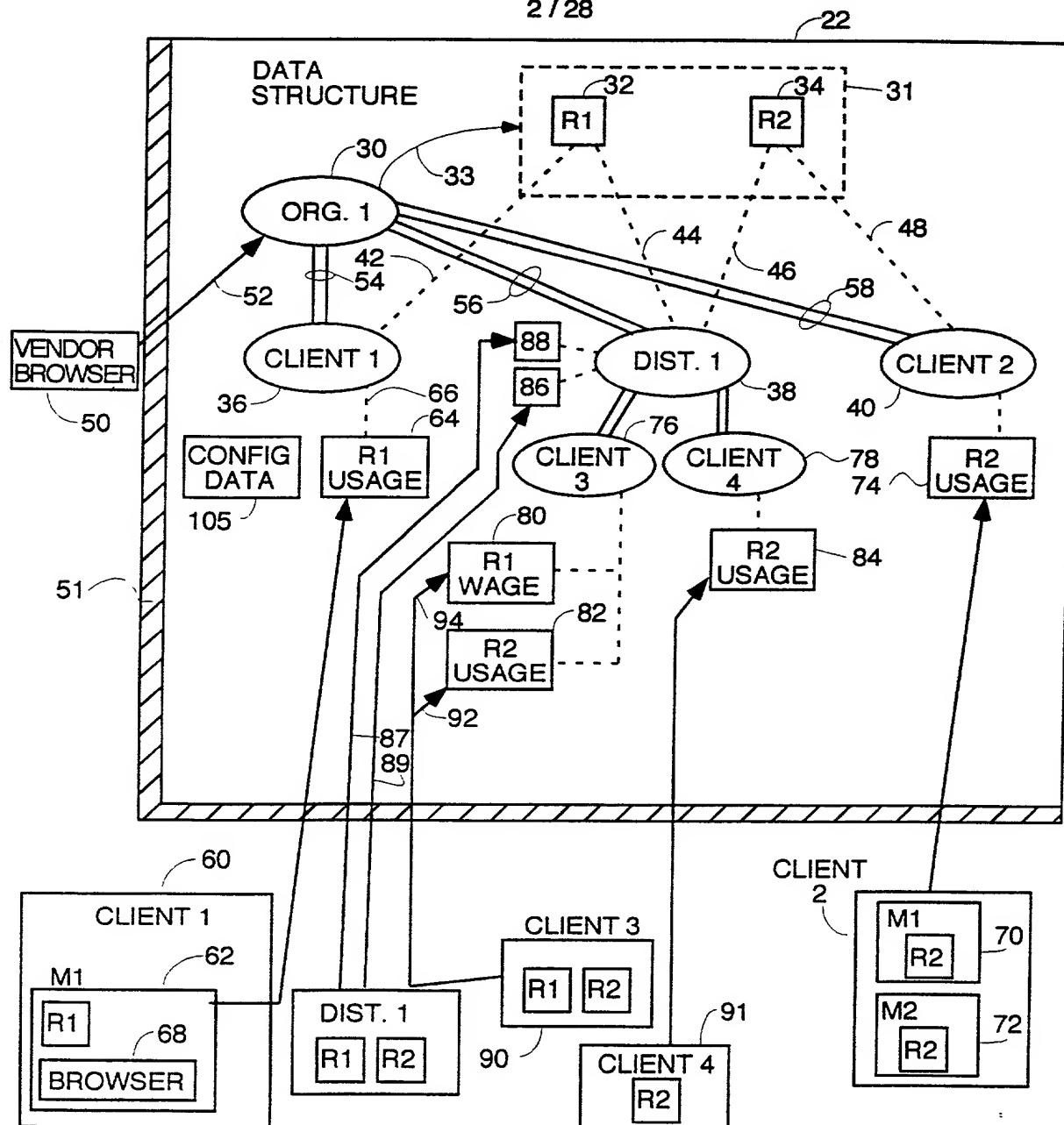


FIG. 2

3 / 28

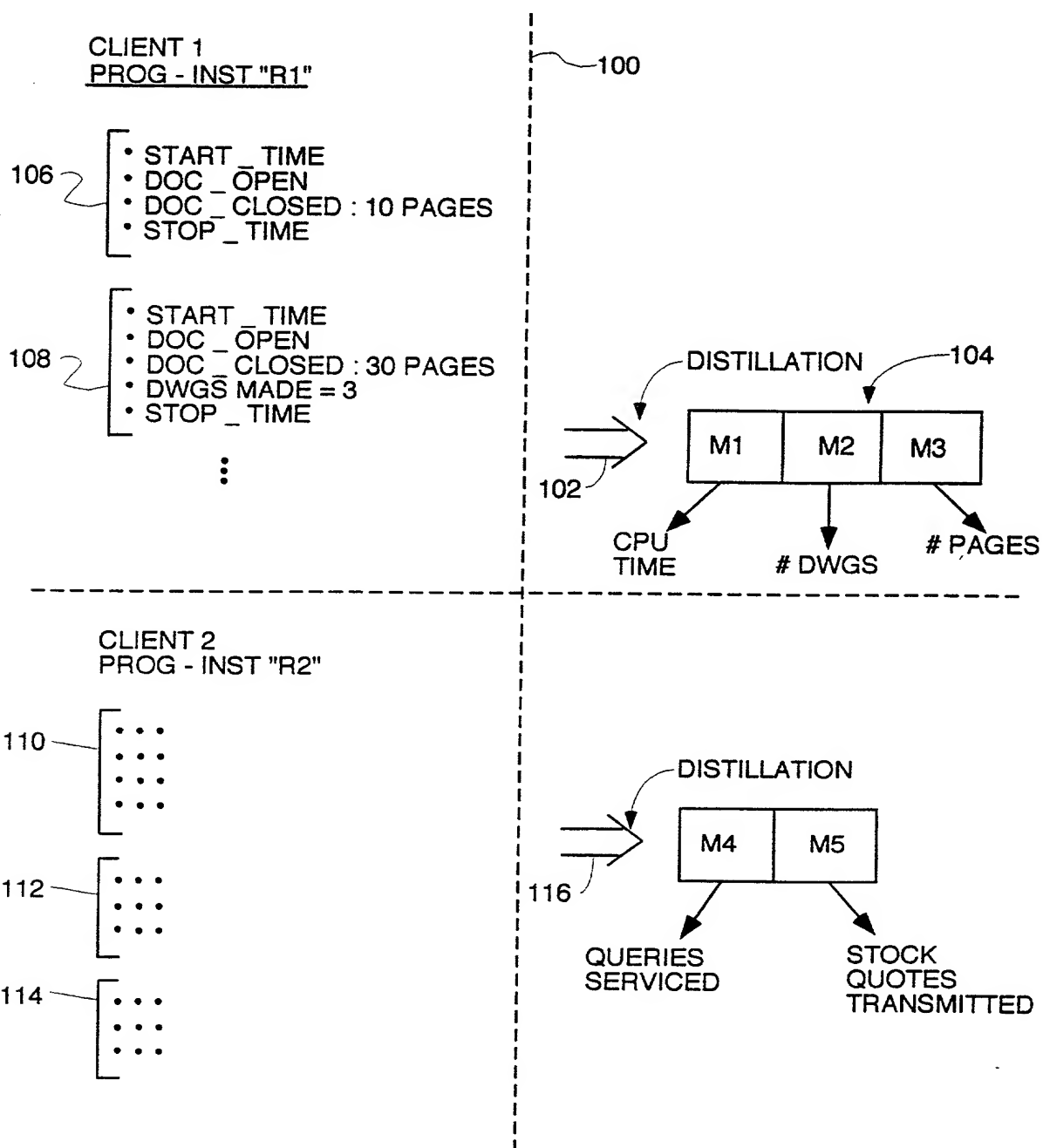


FIG. 3

4 / 28

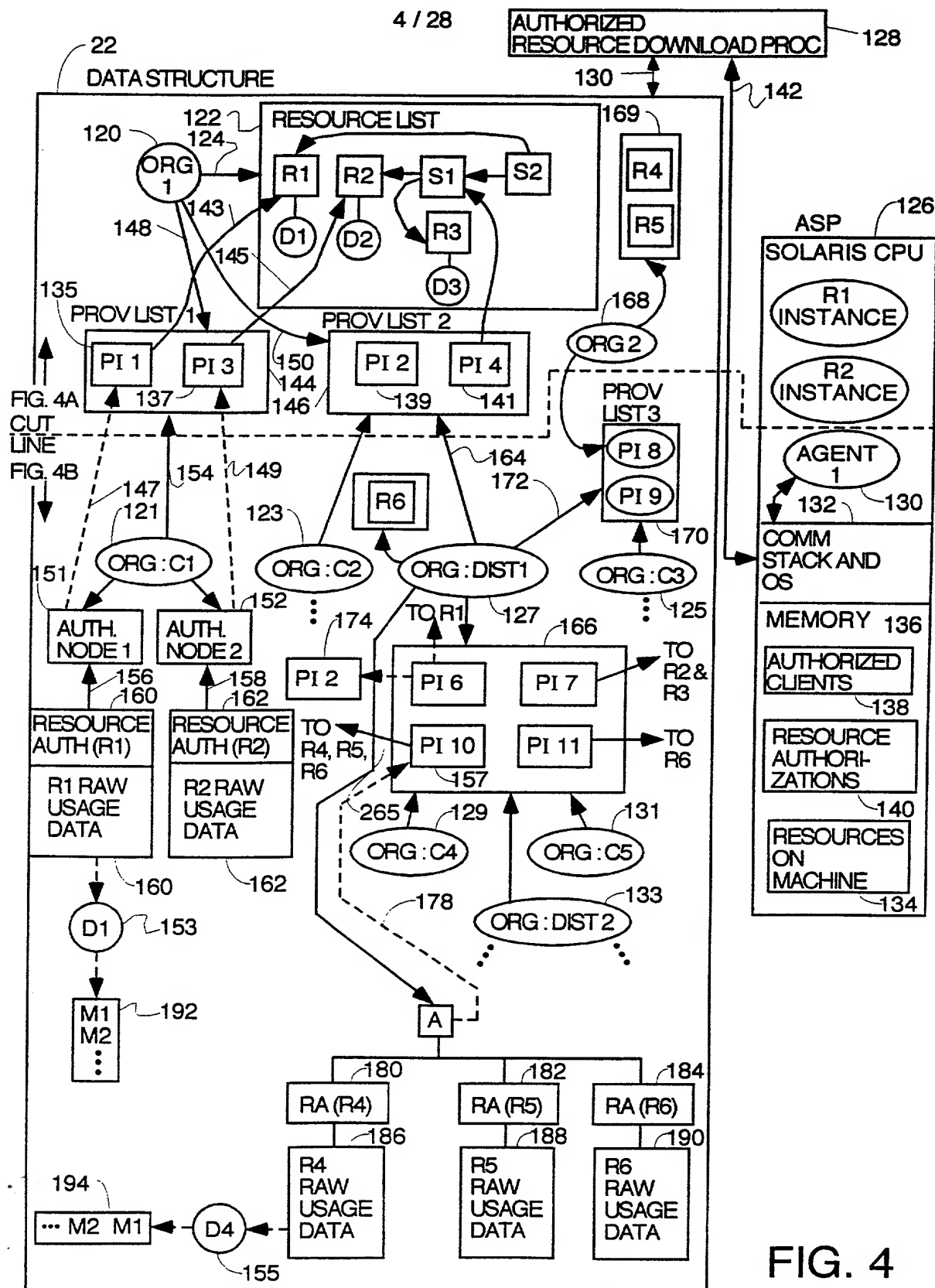


FIG. 4

5 / 28

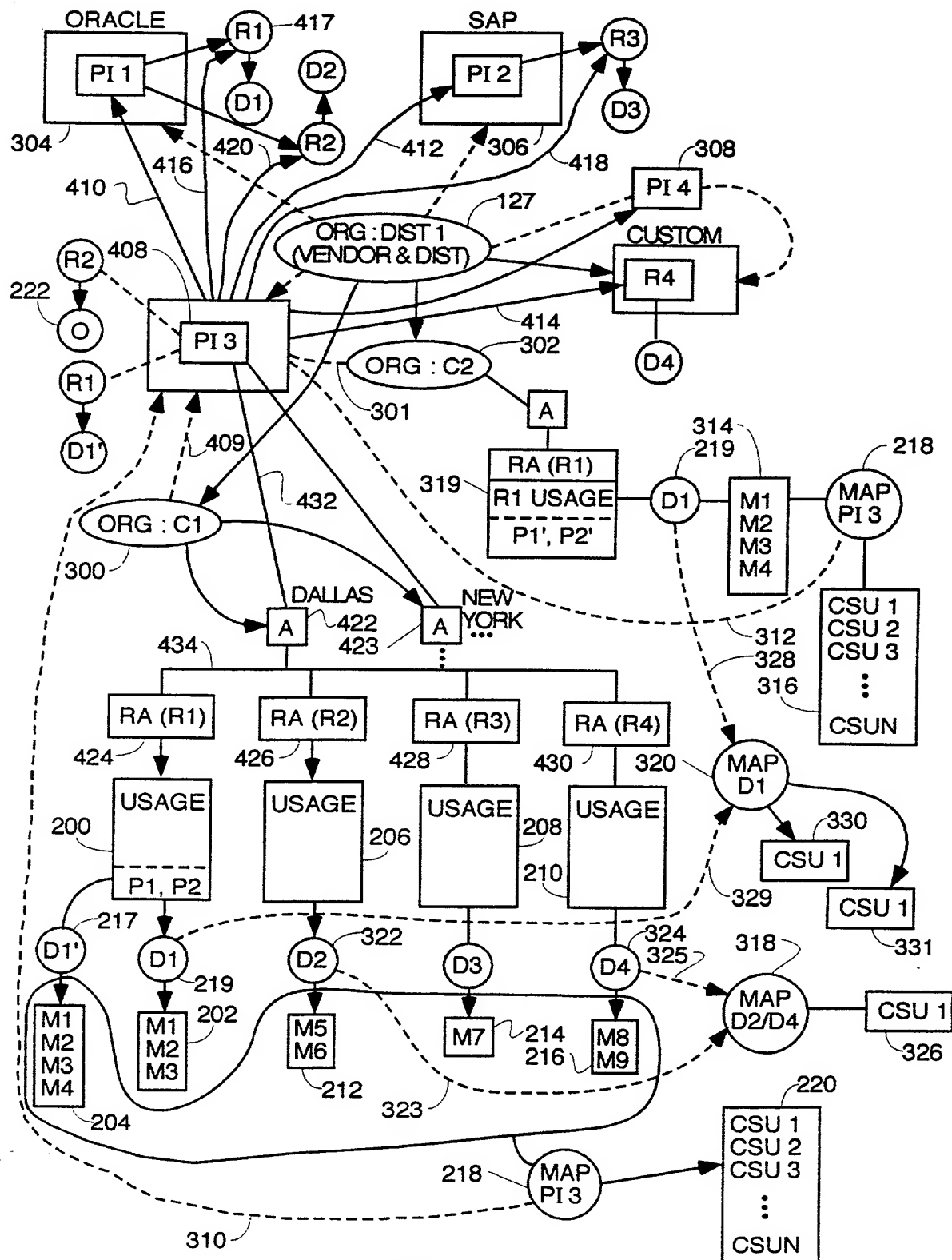


FIG. 5

6 / 28

OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA
BY A PROGRAMMABLE MAPPING

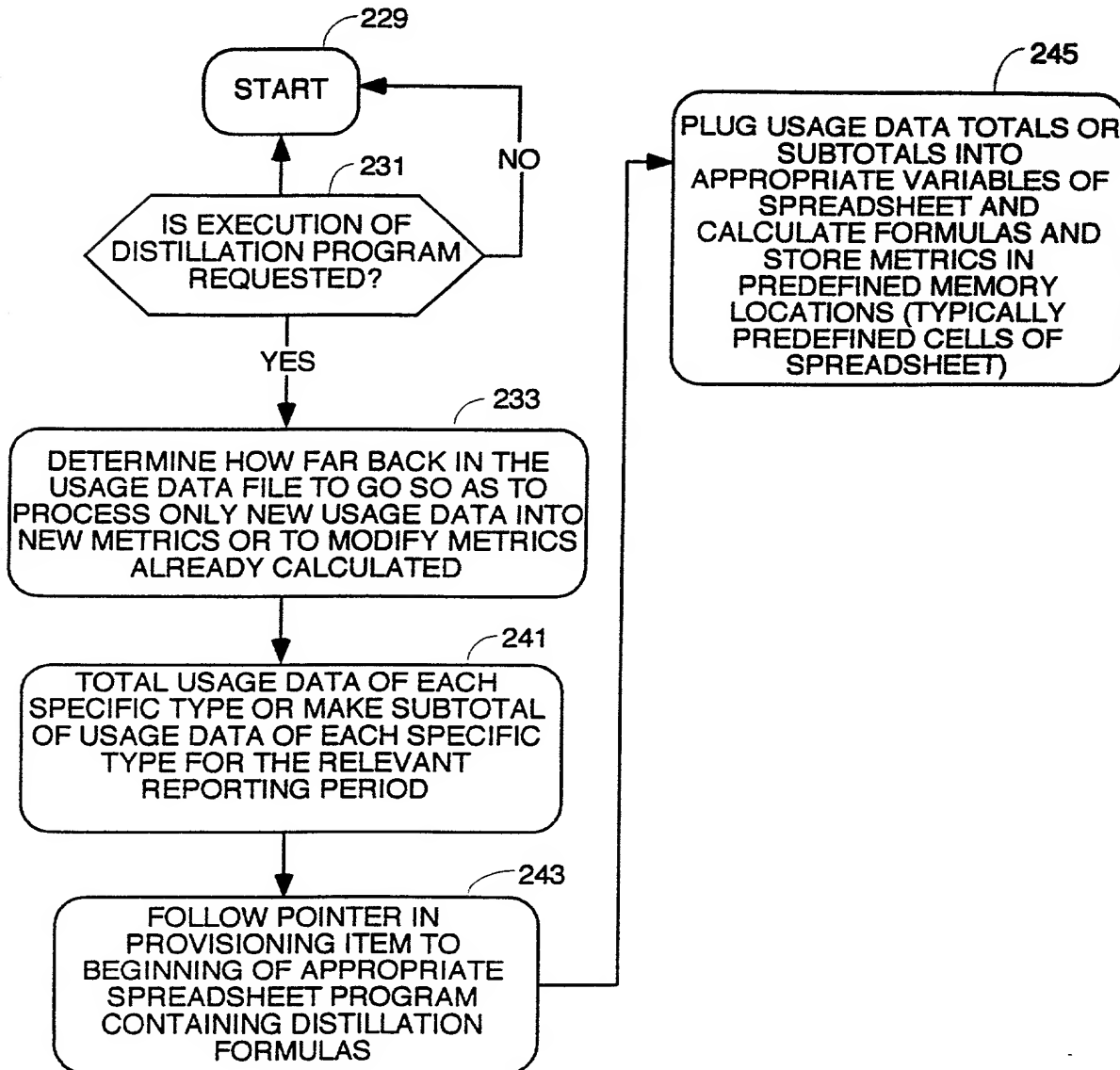


FIG. 6A

7/28

OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA
BY A PROGRAMMABLE MAPPING USING A PROGRAMMABLE DISTILLATION PGM

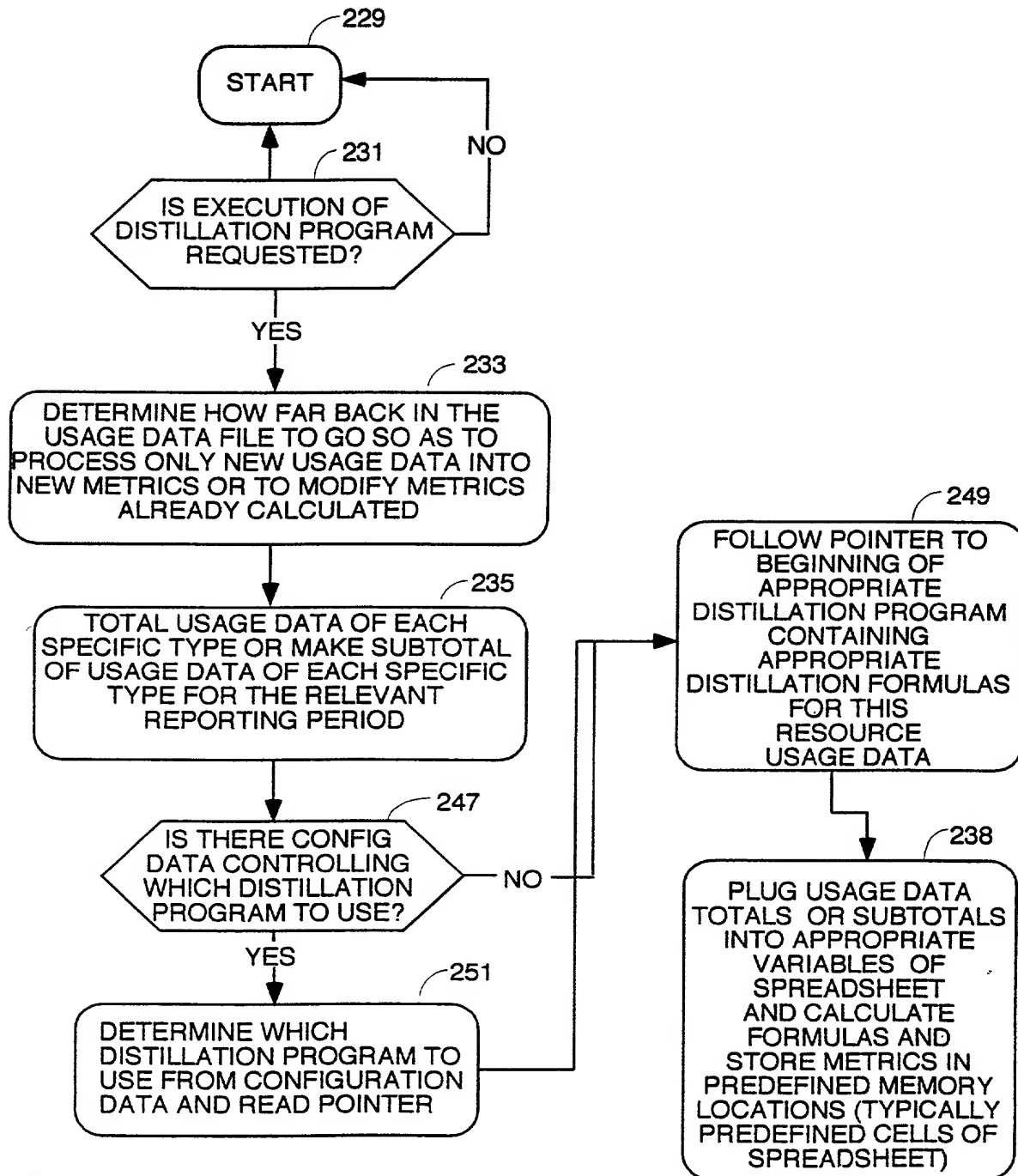


FIG. 6B

8 / 28

PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND
PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS
OF THE CUSTOMER'S DESIGN

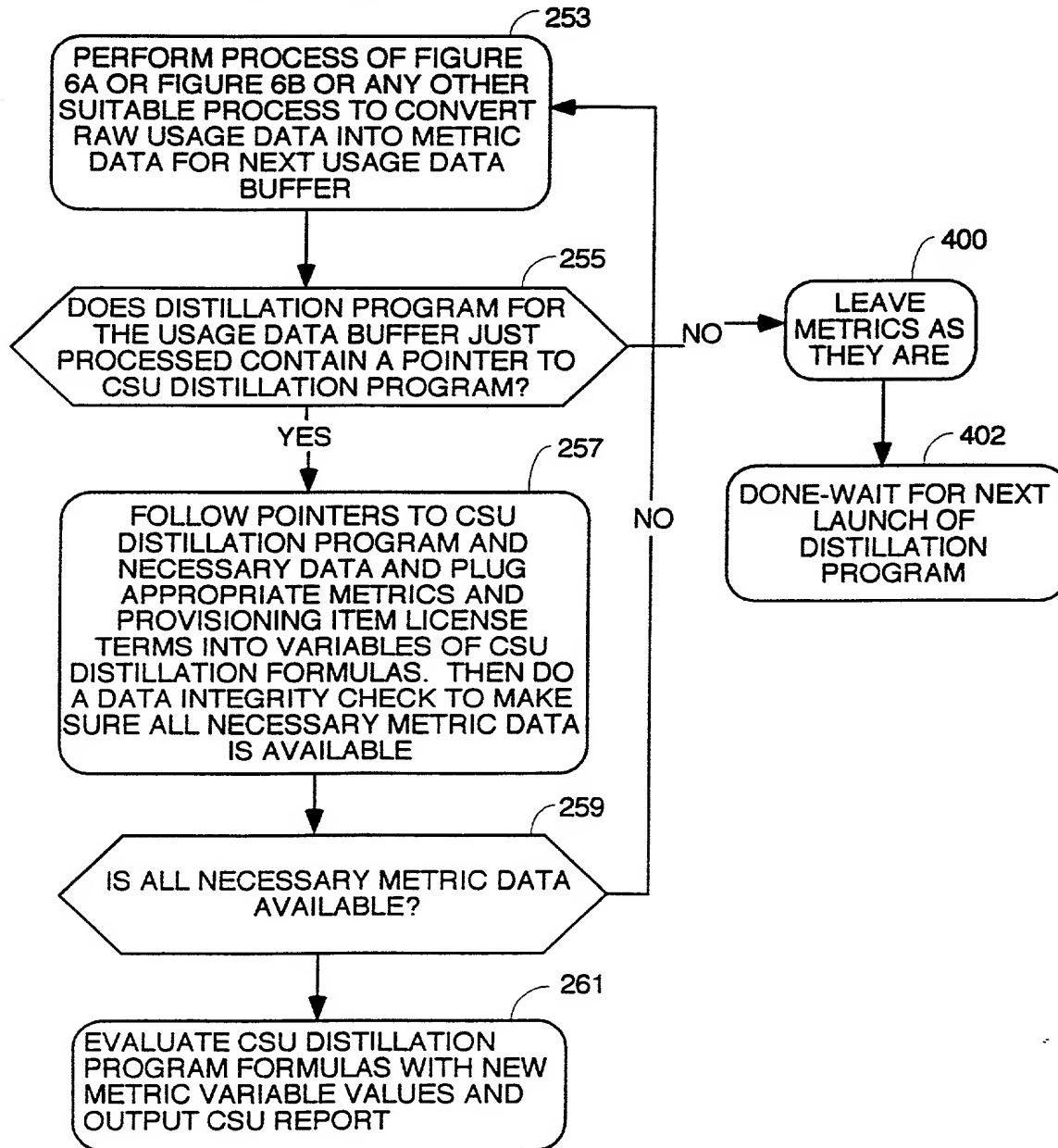


FIG. 7

9 / 28

OVERALL PROCESS TO COLLECT RAW USAGE DATA IN A CENTRAL SERVER
AND USE IT TO PREPARE METRICS AND PREPARE INVOICES OR REPORTS
THEREFROM

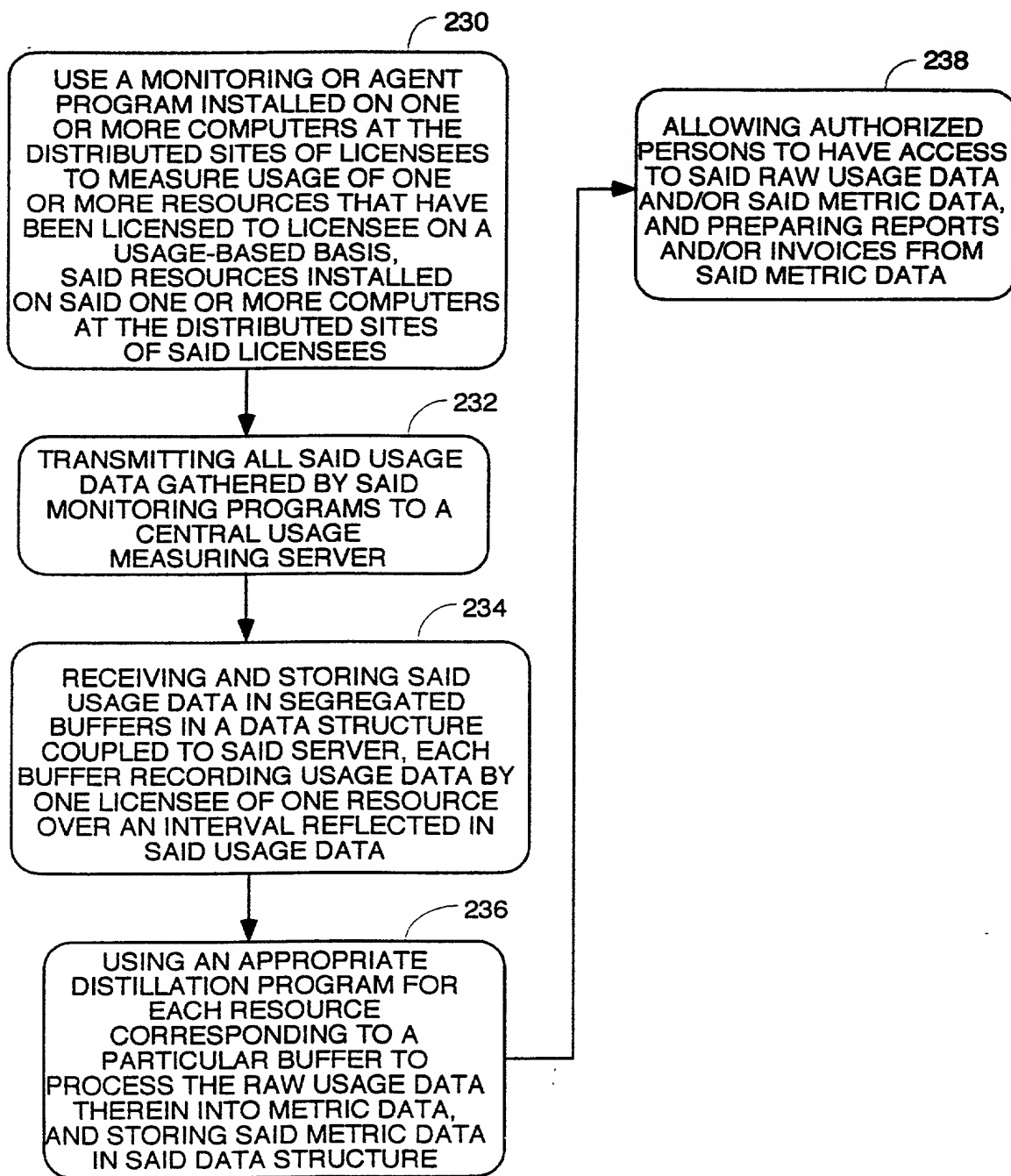


FIG. 8

10 / 28

PROCESS TO BUILD USAGE MEASURING SERVER DATA STRUCTURE AND
ALLOW RESTRICTED ACCESS THERETO

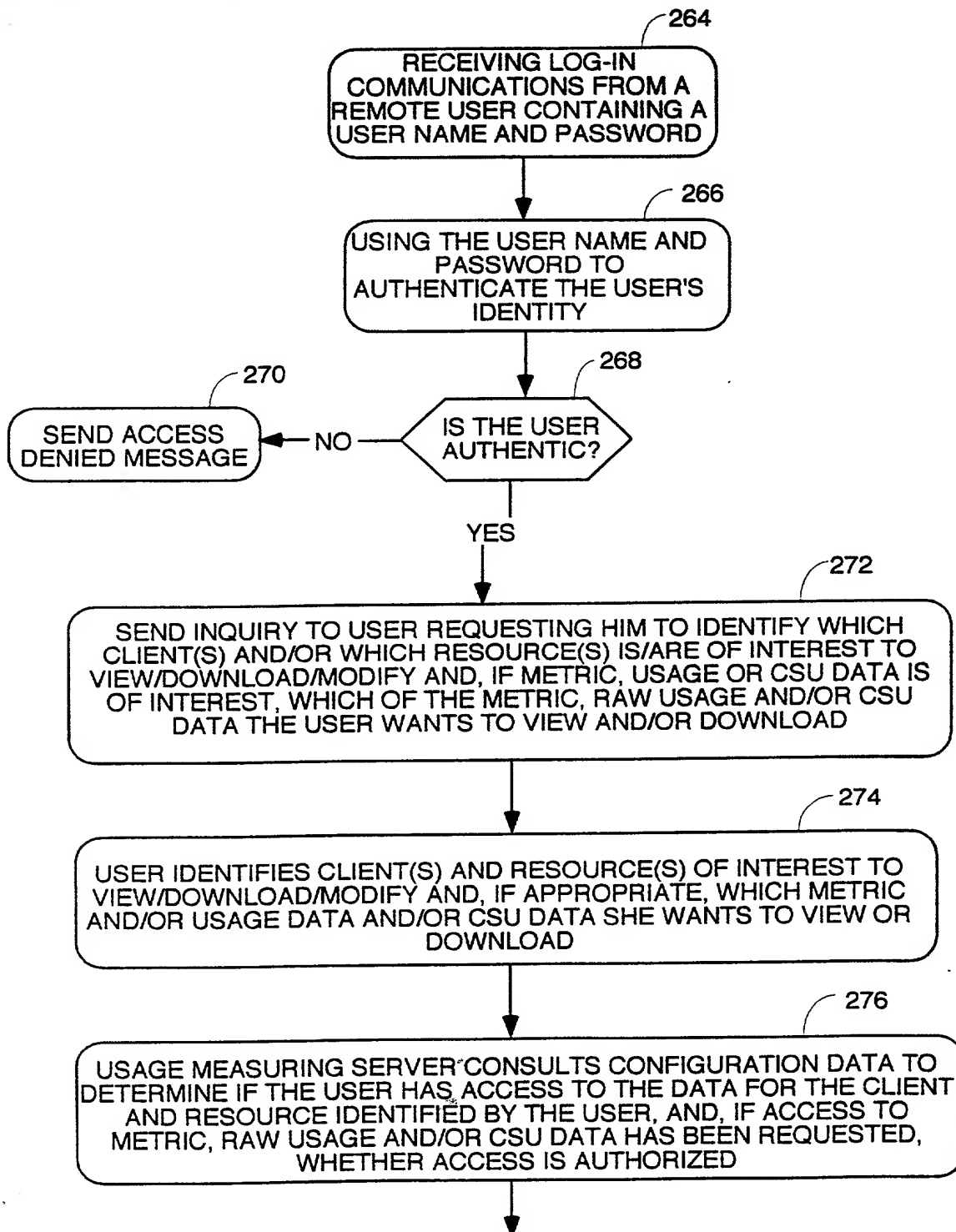


FIG. 9A

11 / 28

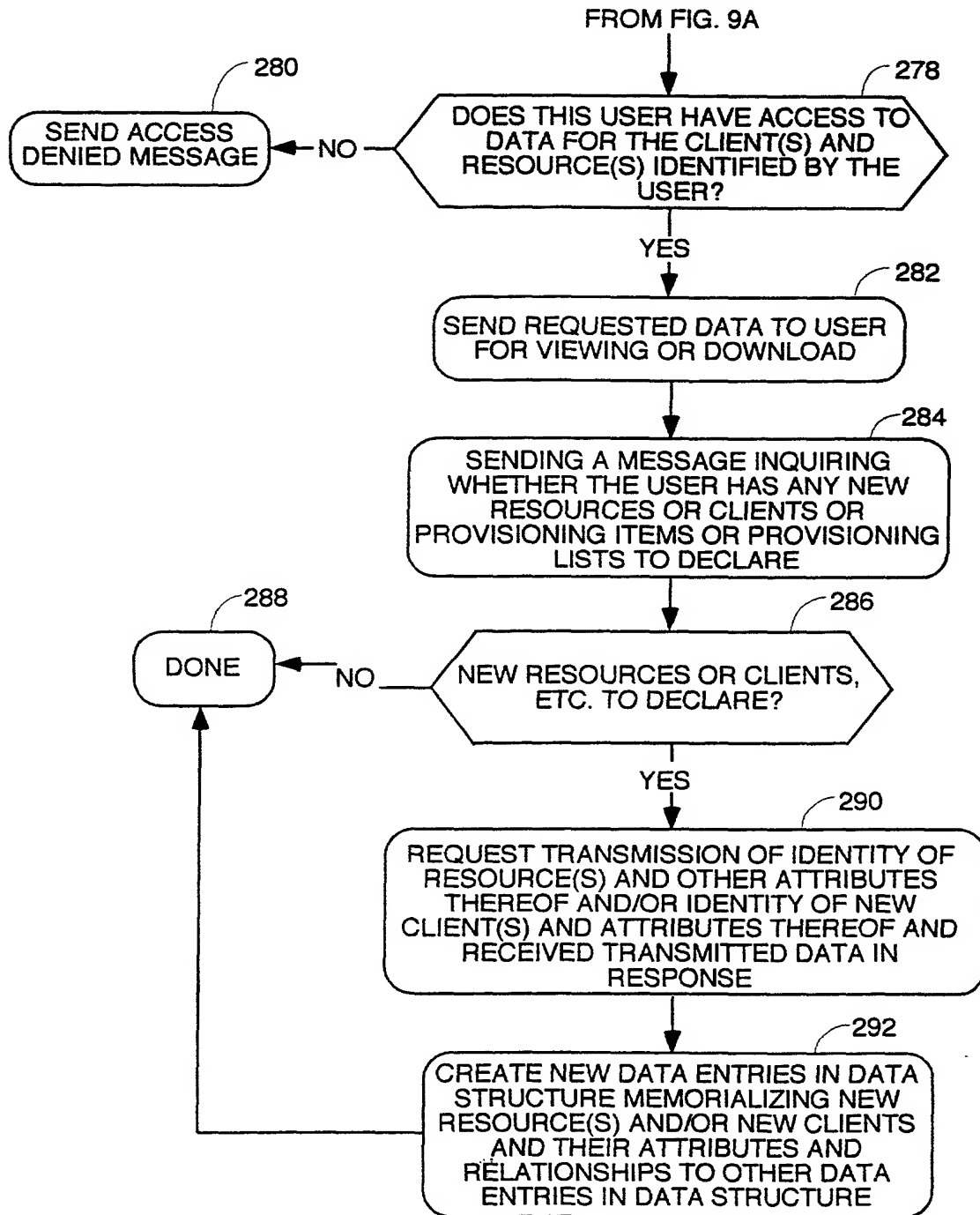
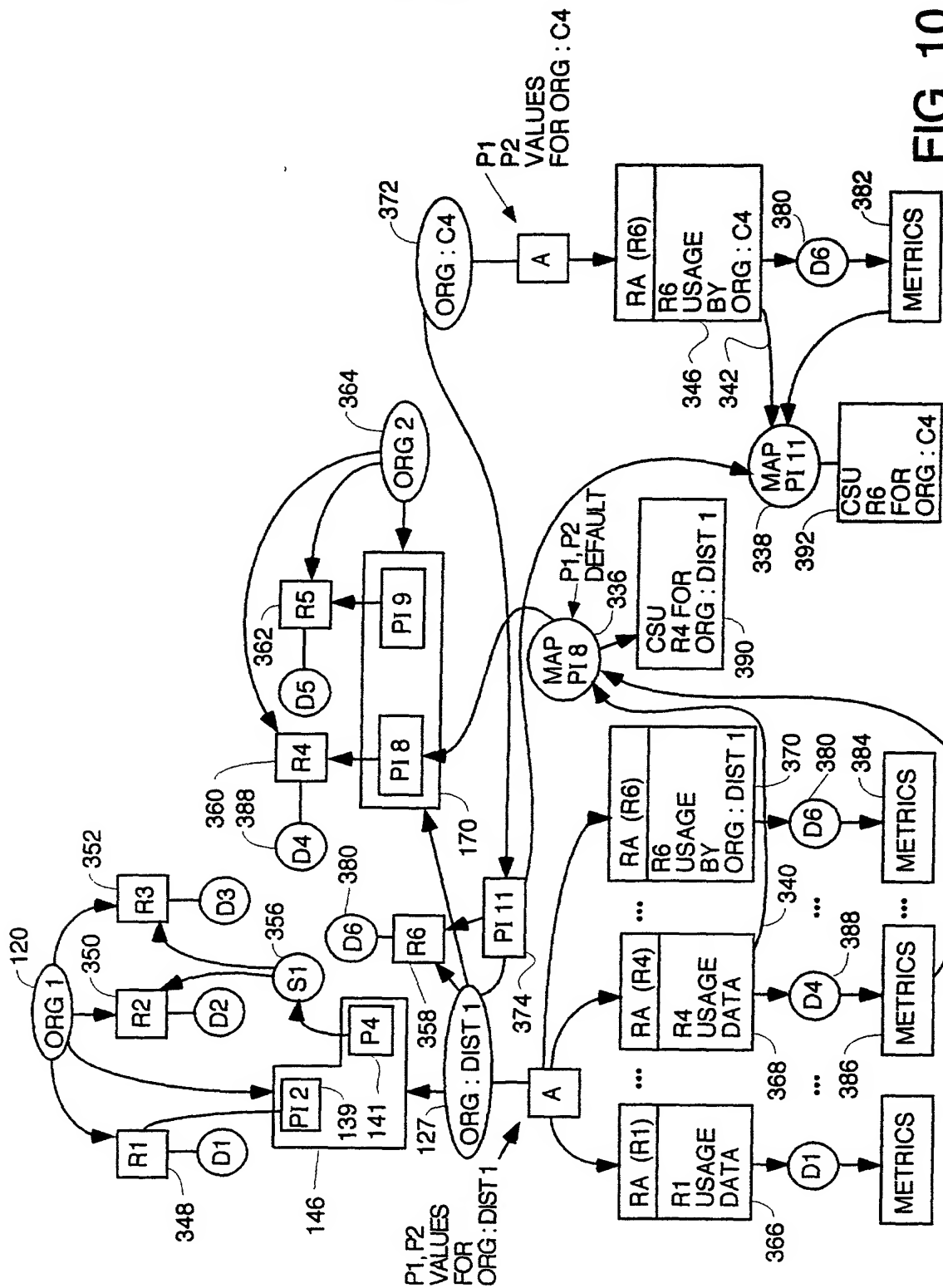


FIG. 9B



13 / 28

ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO PROVISIONING ITEM DETAILING LICENSE TERMS

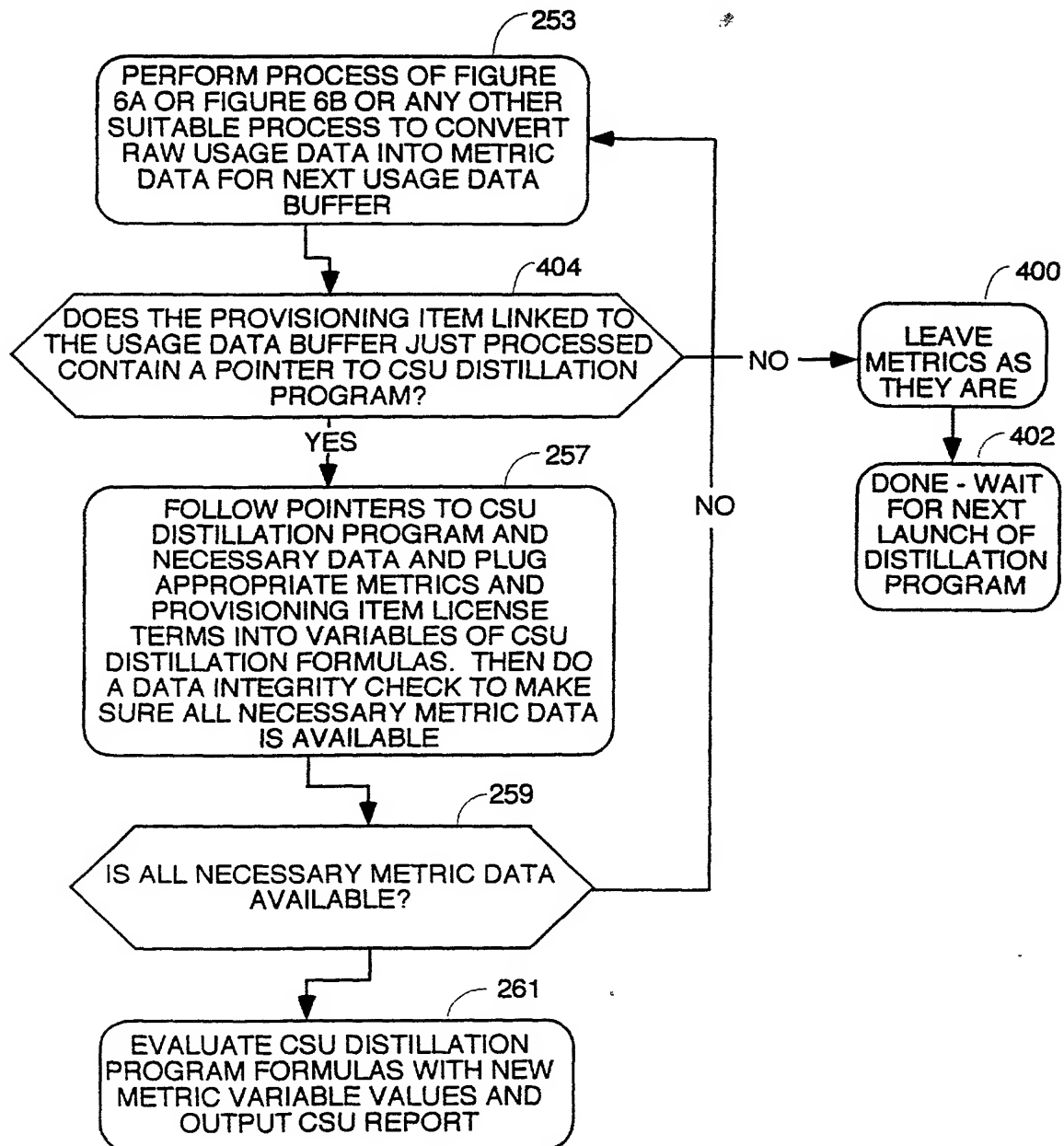


FIG. 11

14 / 28

ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO THE USAGE DATA BUFFER OF EACH CLIENT THAT WANTS CSU BASED REPORTS

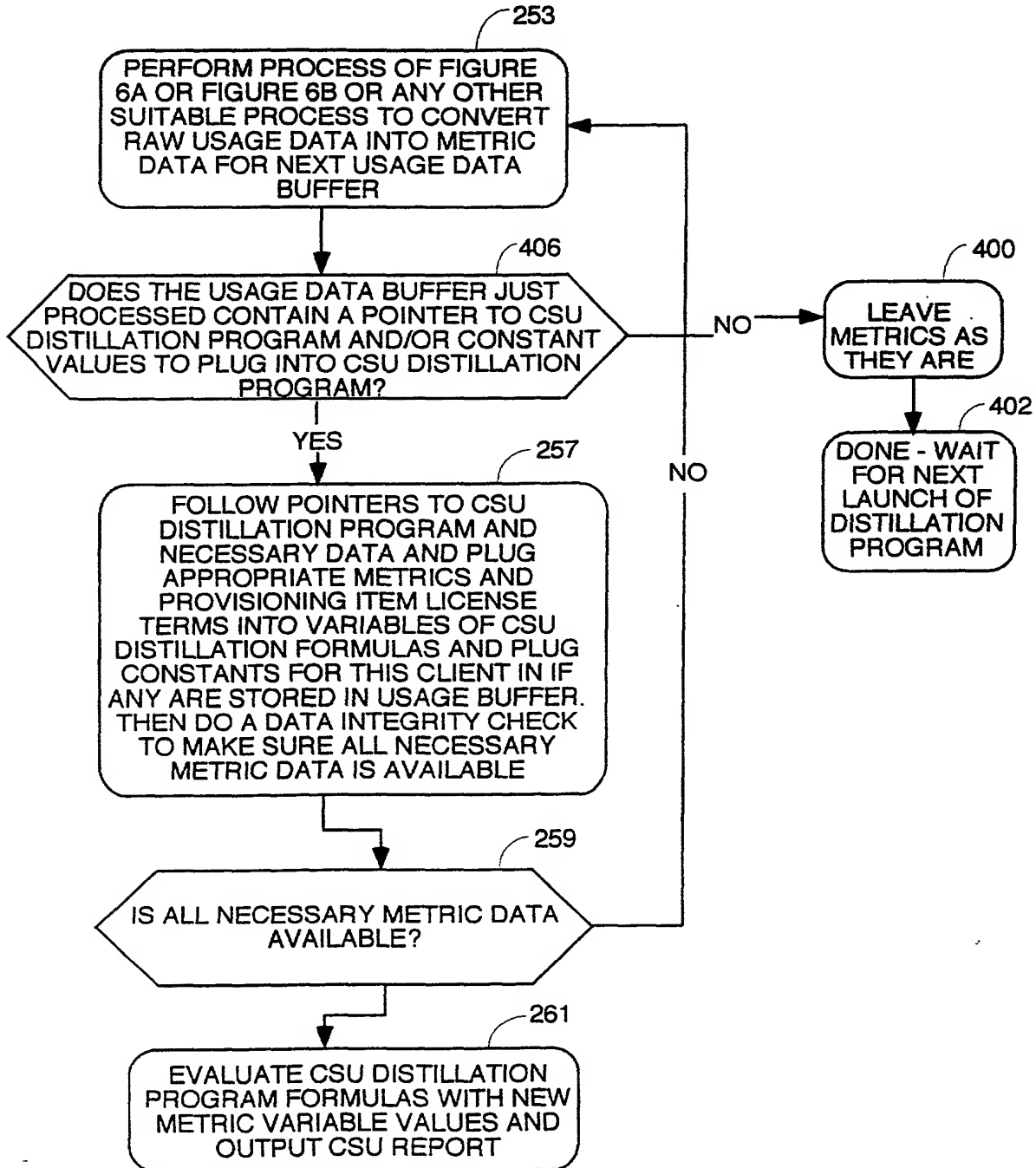


FIG. 12

15 / 28

PROCESS TO CREATE DATA STRUCTURE TO SUPPORT SUITE LICENSING AND
TO USE THE DATA STRUCTURE TO IMPLEMENT SUITE LICENSING

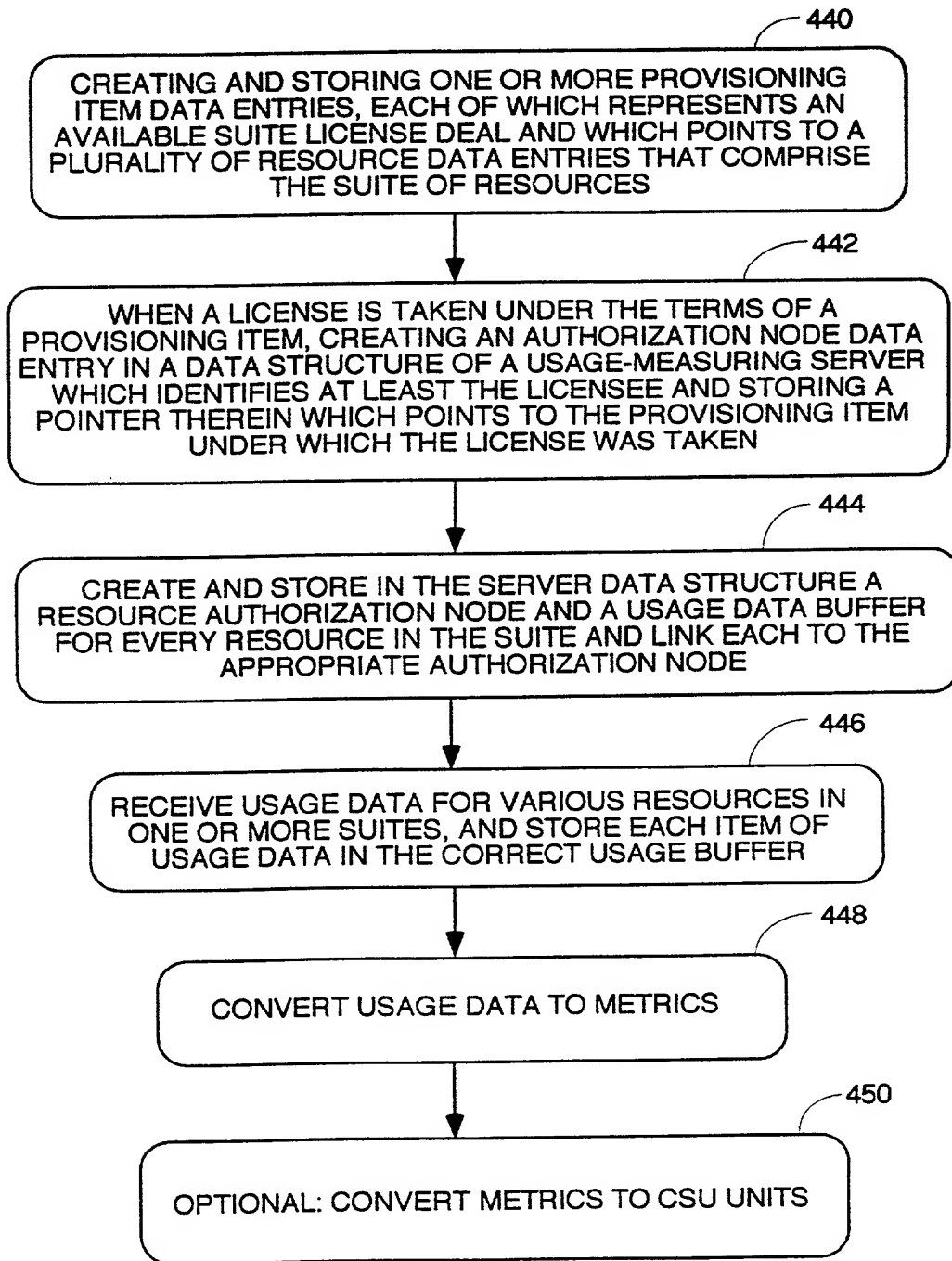


FIG. 13

16 / 28

ONE STOP SHOPPING PROCESS TO DETERMINE ALL AVAILABLE LICENSE DEALS ON A PARTICULAR RESOURCE

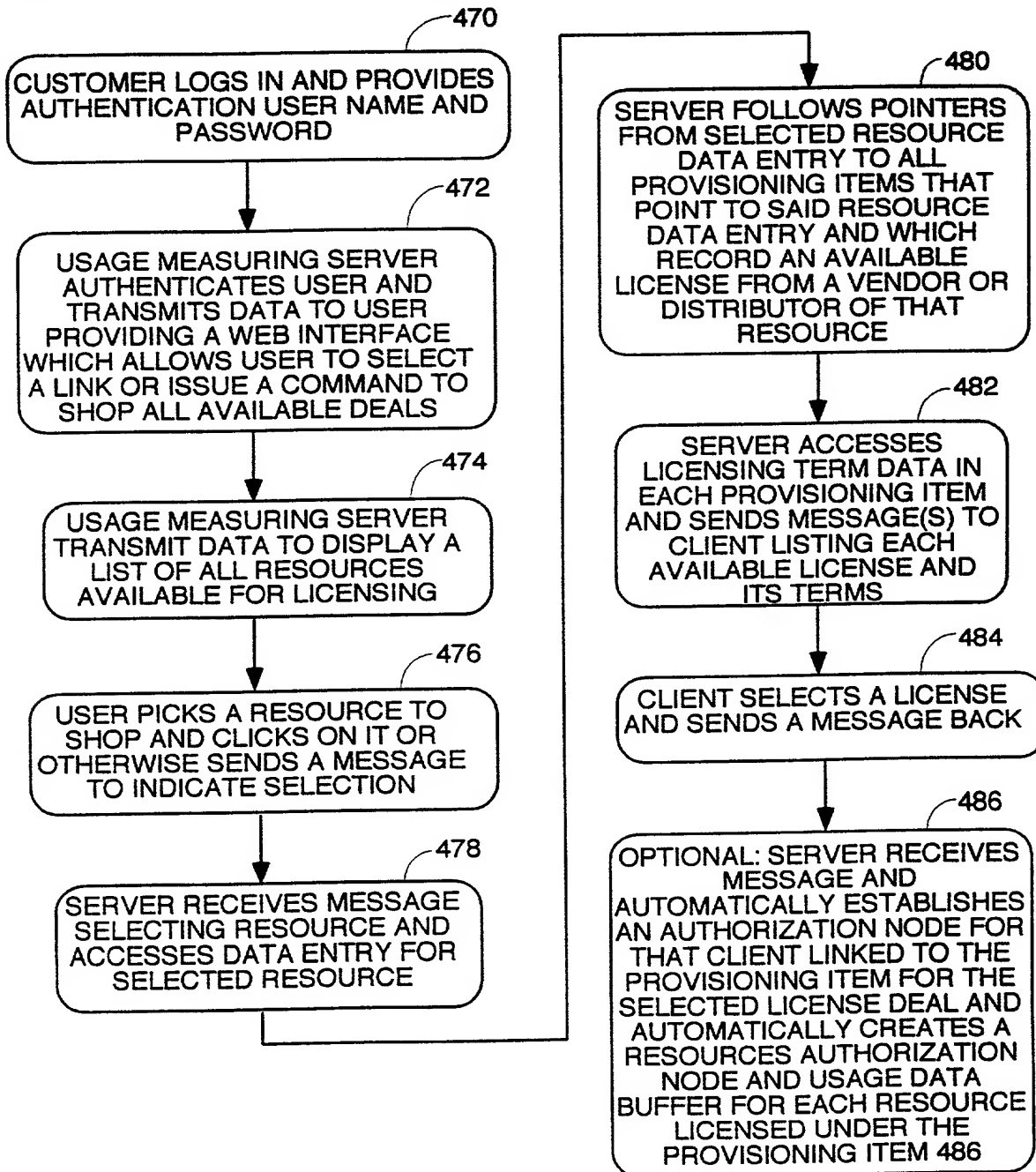


FIG. 14

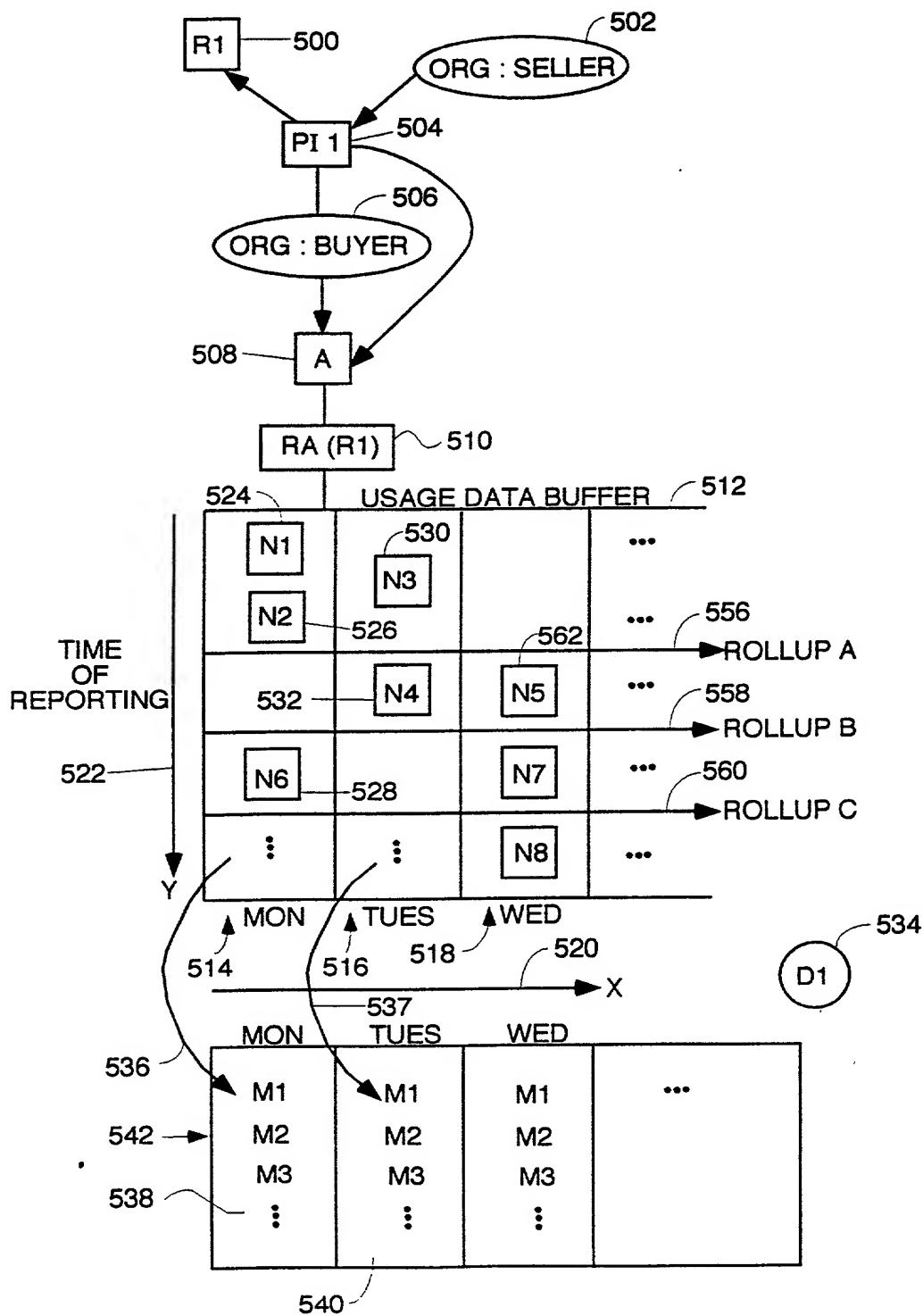


FIG. 15

18 / 28

PROCESS TO COLLECT USAGE DATA, PARTITION IT INTO TIME SEGMENTS
AND GENERATE METRICS THEREFROM

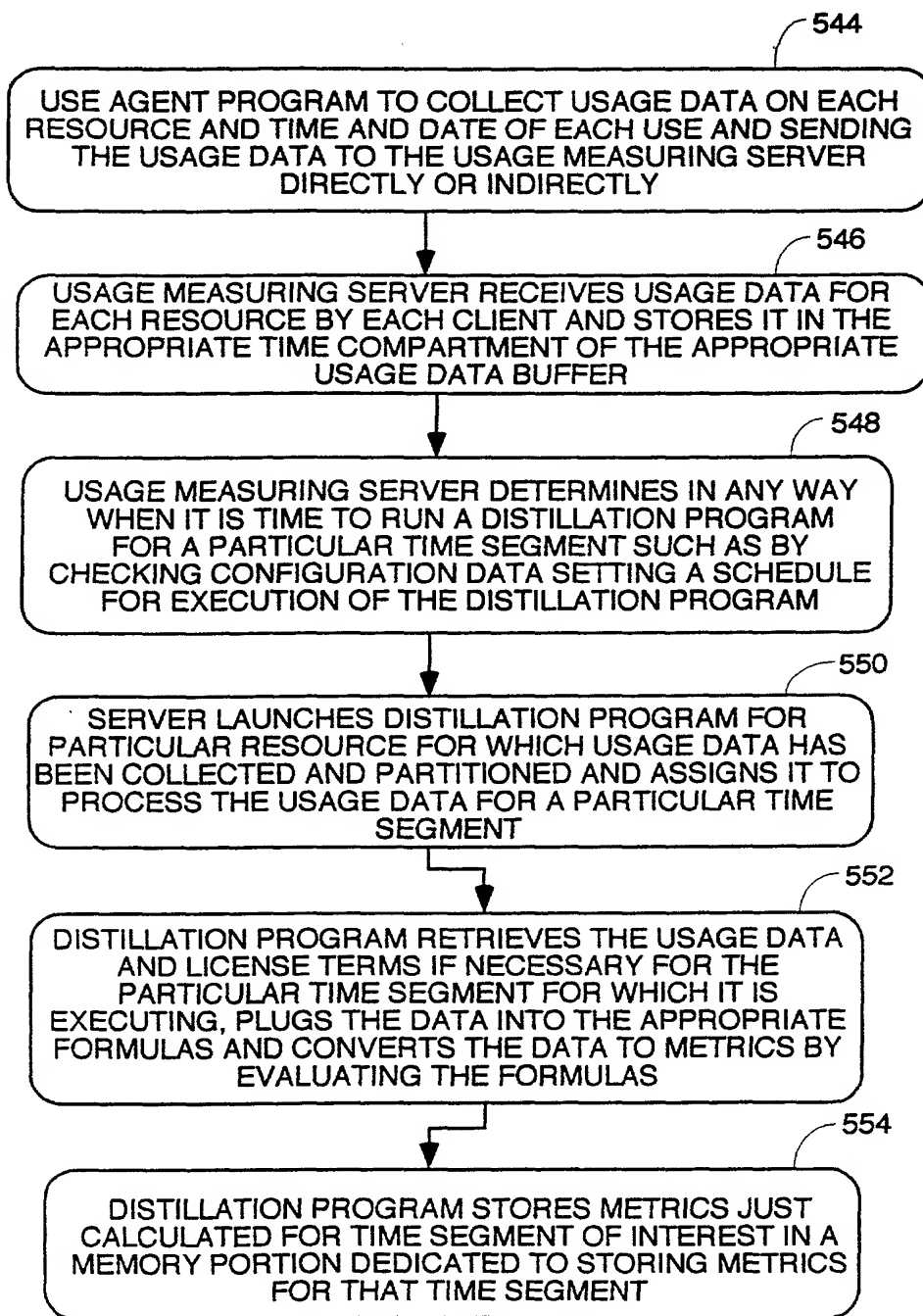


FIG. 16

ALTERNATIVE ROLLUP B ID 40		
MON	TUES	WED
0	3	2
0	70	40
0	139	96

FIG. 17

FIG. 18

MON	TUES	WED	
10	4	2	
500	120	40	
759	210	96	

FIG. 19

MON	TUES	WED
0	4	2
0	120	40
0	210	96

FIG. 20

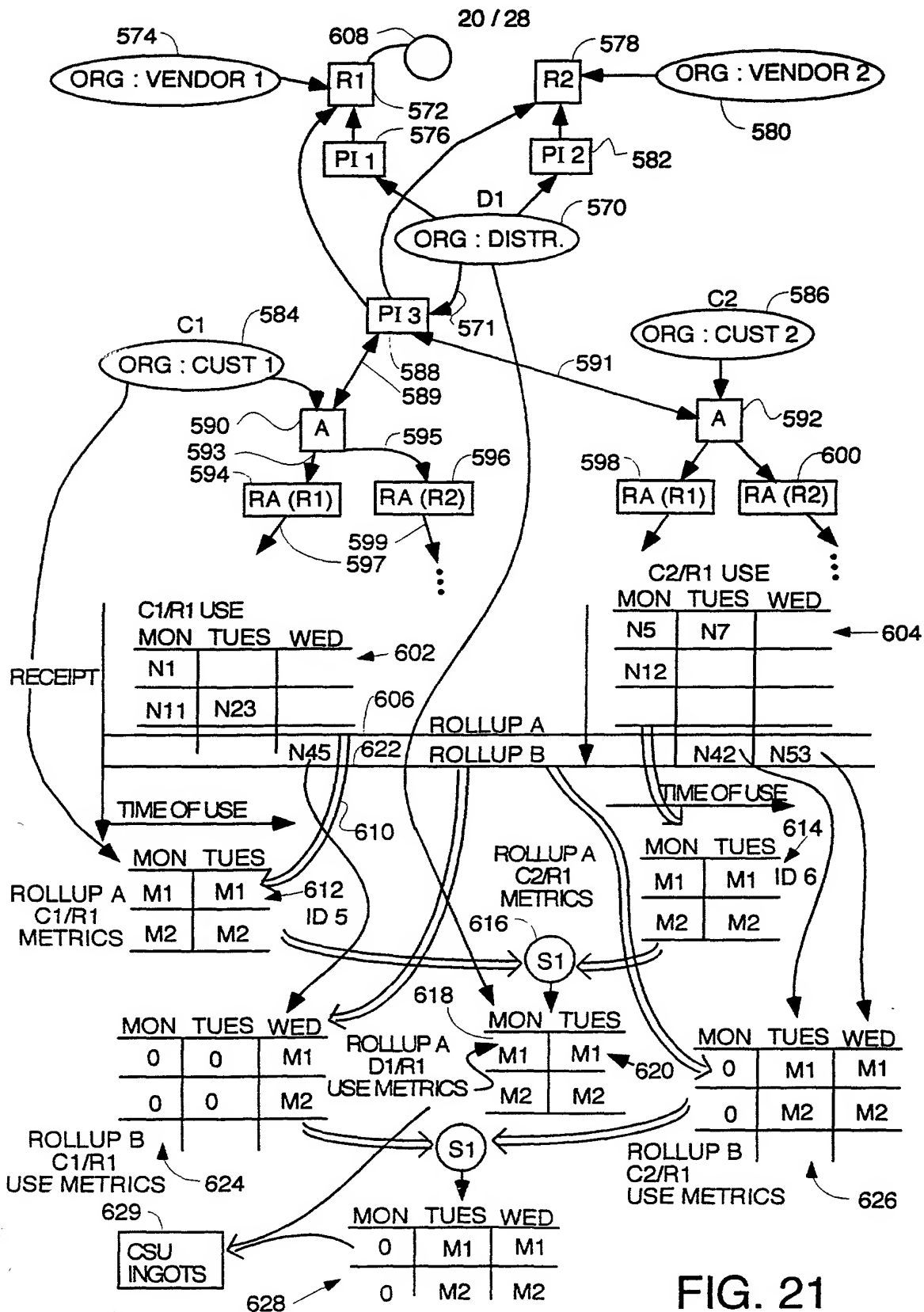


FIG. 21

21 / 28

PROCESS FOR ONE PROTOCOL ACCESS TO USAGE/METRIC/CSU DATA
FOR ALL LICENSEES OF A LICENSOR FROM A USAGE MEASURING SERVER

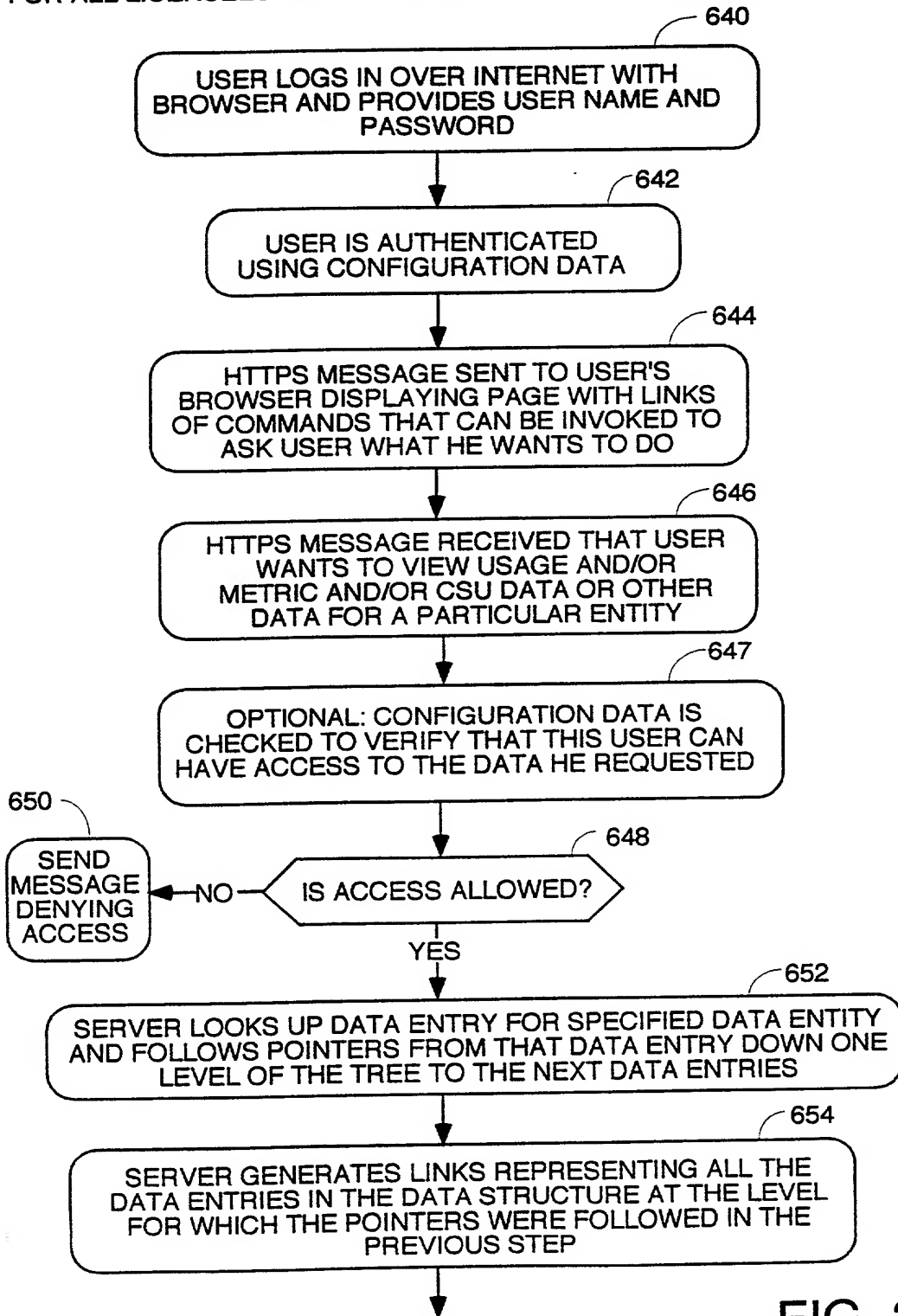


FIG. 22A

22 / 28
FROM FIG. 22A

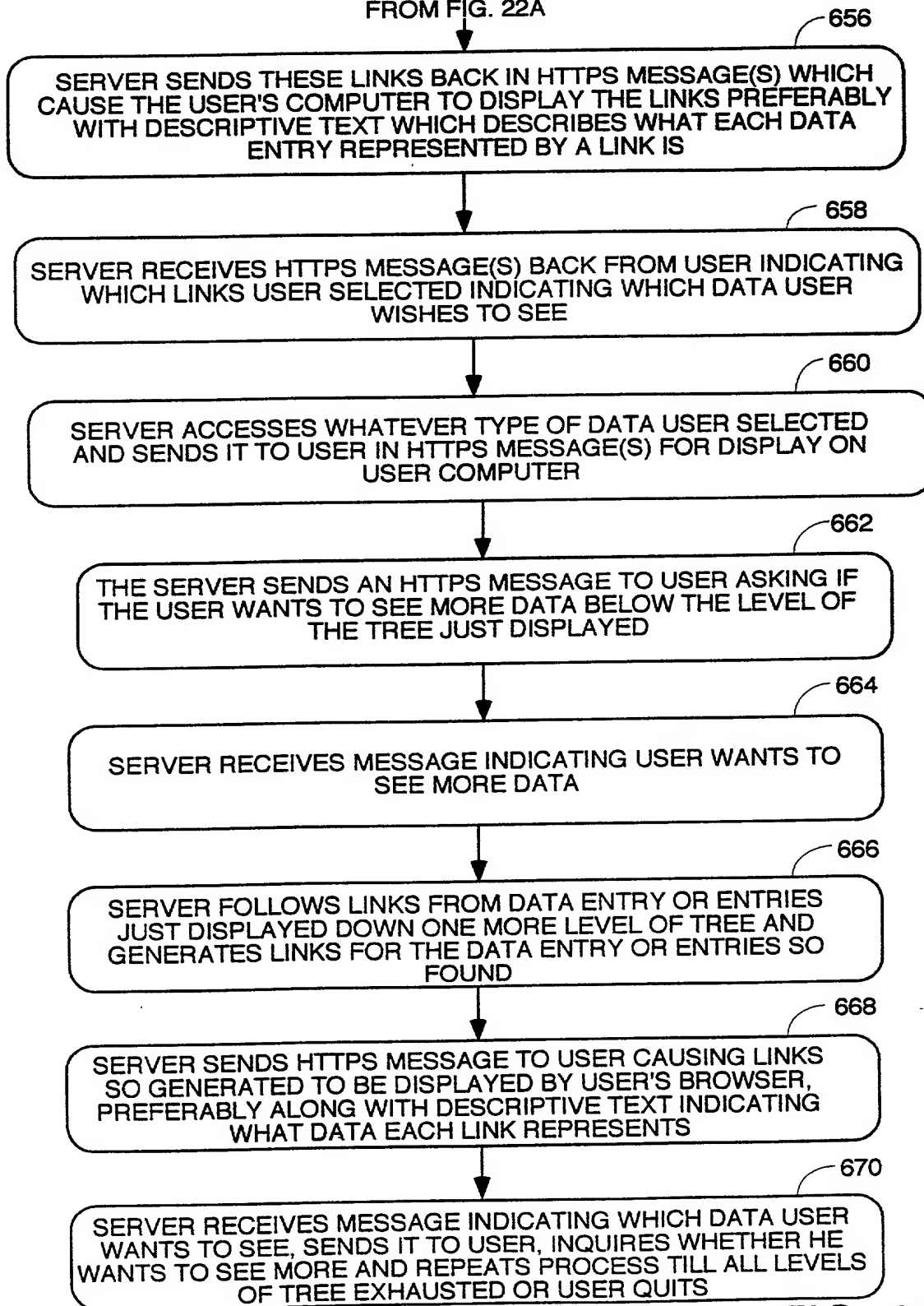
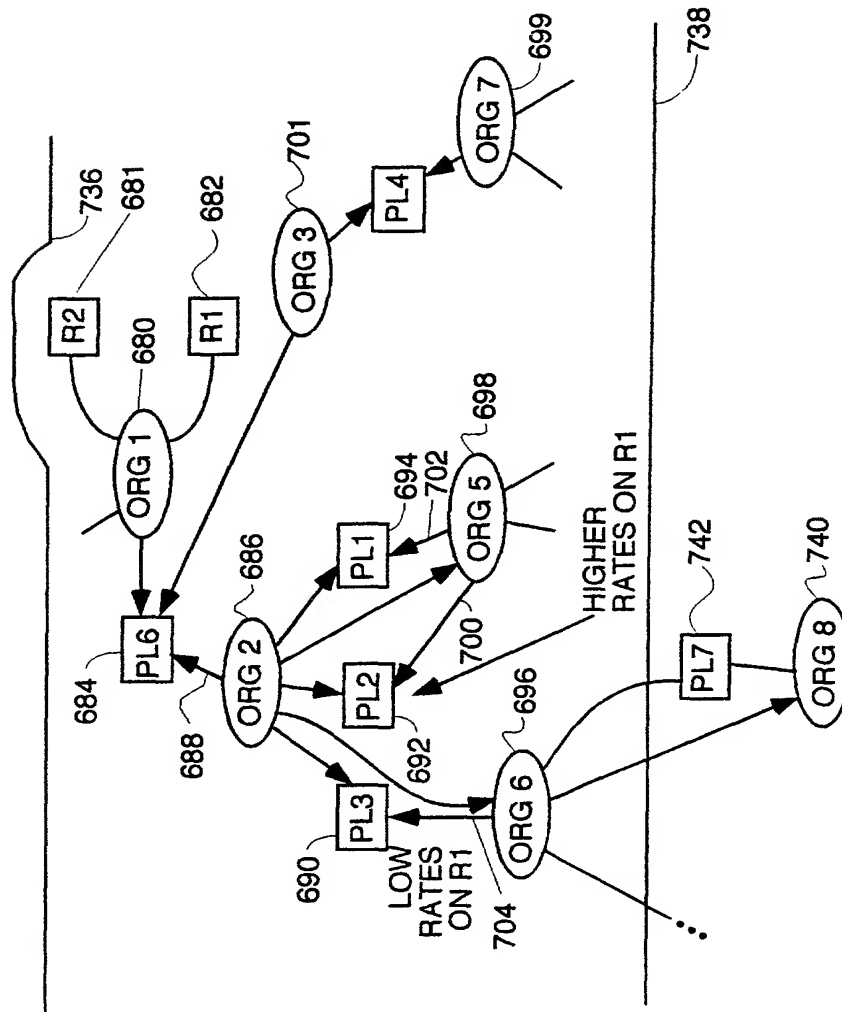


FIG. 22B

23 / 28



SECURITY BARRIERS
FIG. 23

24 / 28

A PROCESS TO IMPLEMENT SECURITY BARRIERS TO PREVENT USERS FROM VIEWING DATA IN A USAGE MEASURING SERVER DATA STRUCTURE THAT THE USER NOT AUTHORIZED TO VIEW

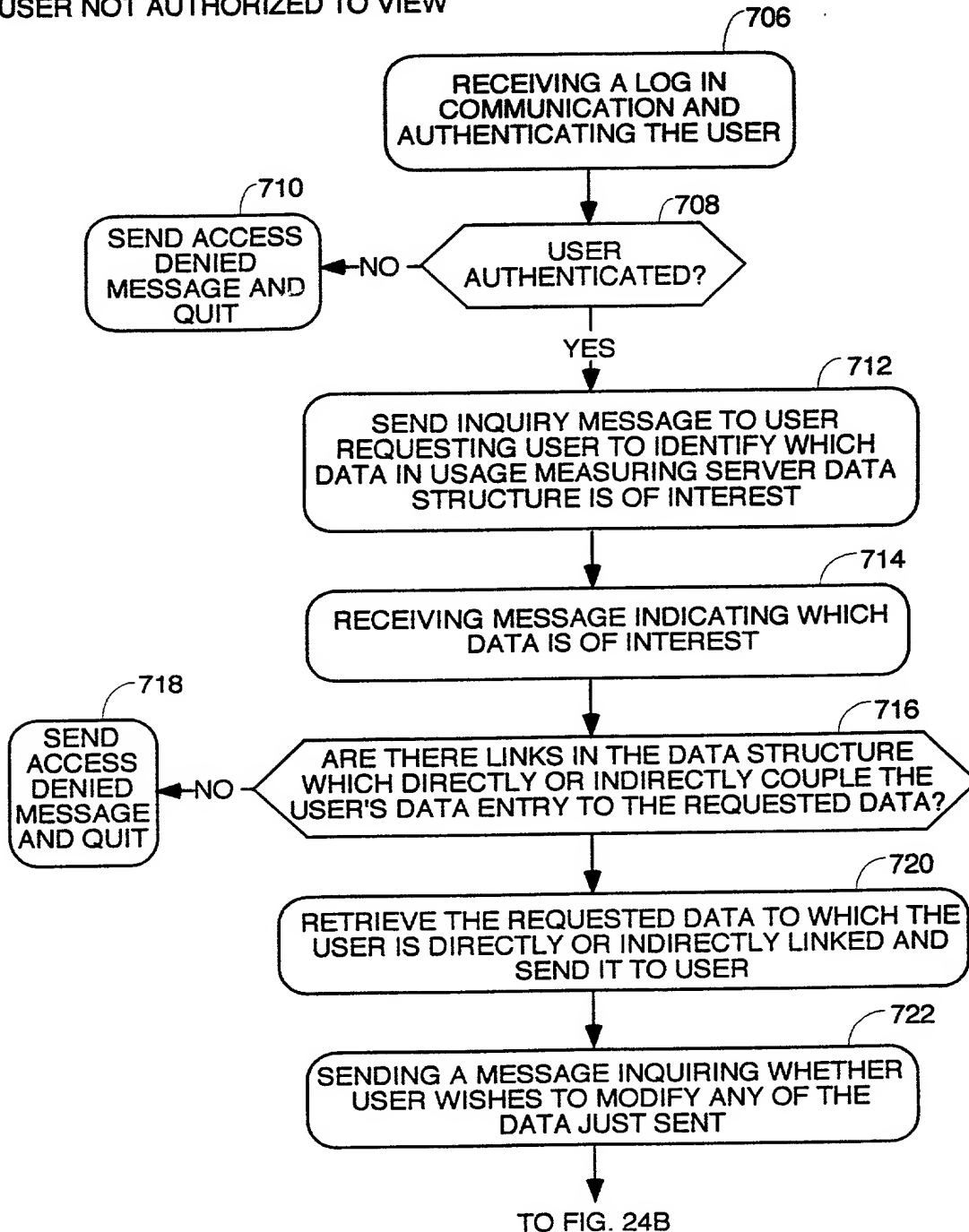


FIG. 24A

25 / 28

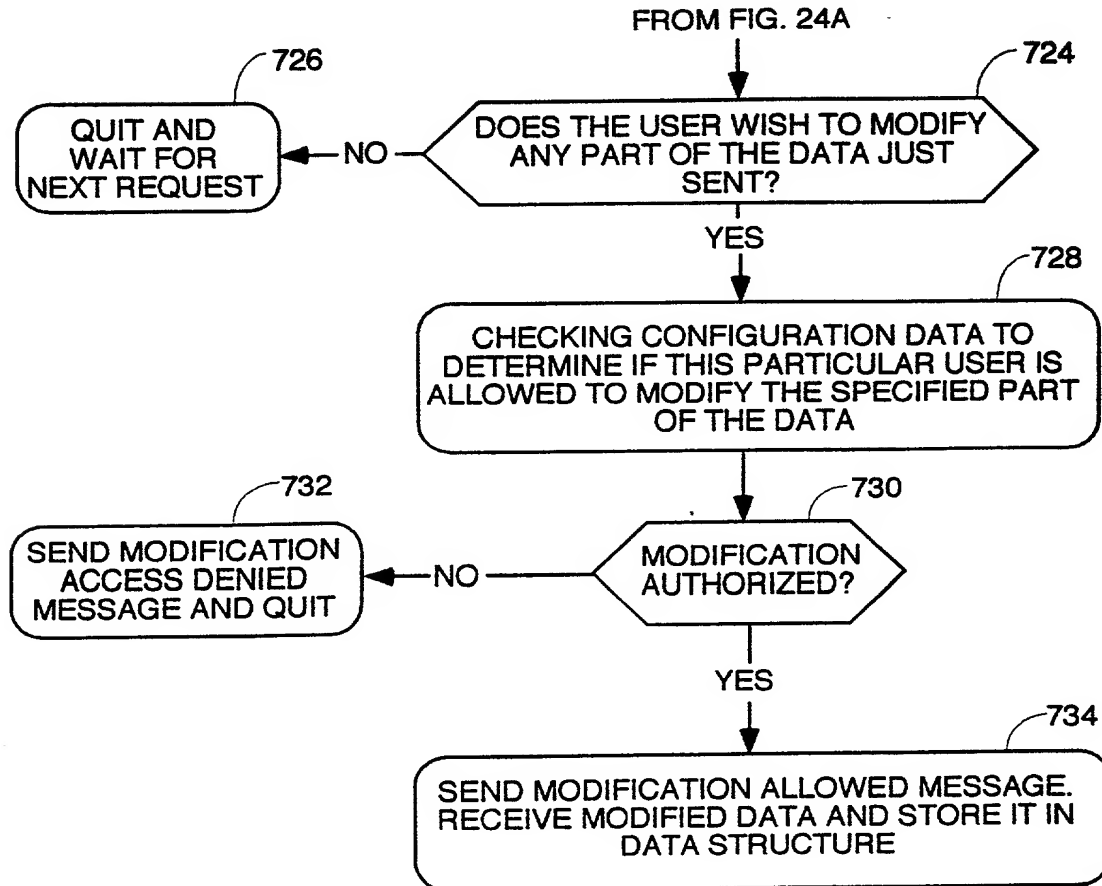


FIG. 24B

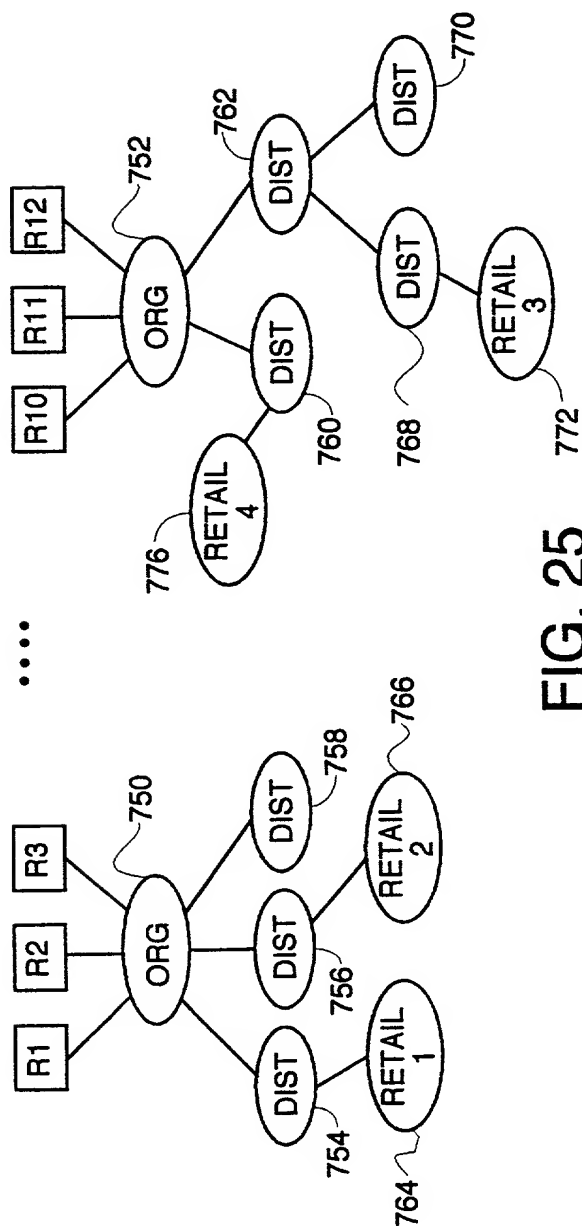


FIG. 25

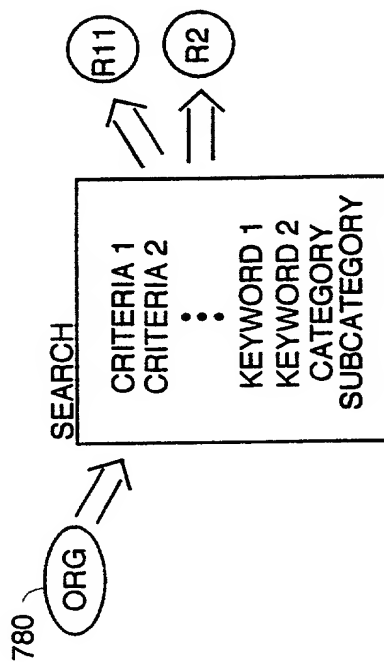
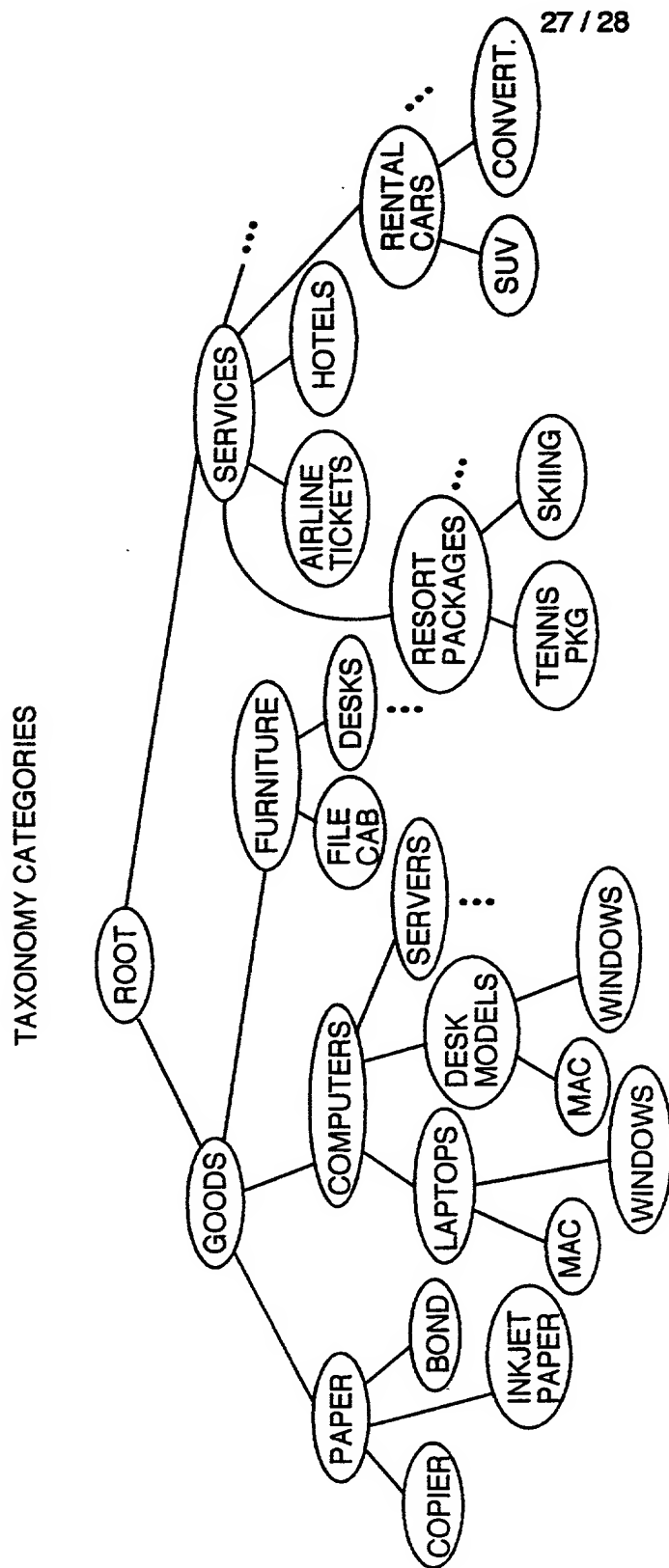


FIG. 26



27 / 28

FIG. 27

28 / 28

SERVER PROCESSING TO IMPLEMENT ONE-STOP SHOPPING SEARCHING OF
THE DATA STRUCTURE BASED UPON USER-DEFINED CRITERIA

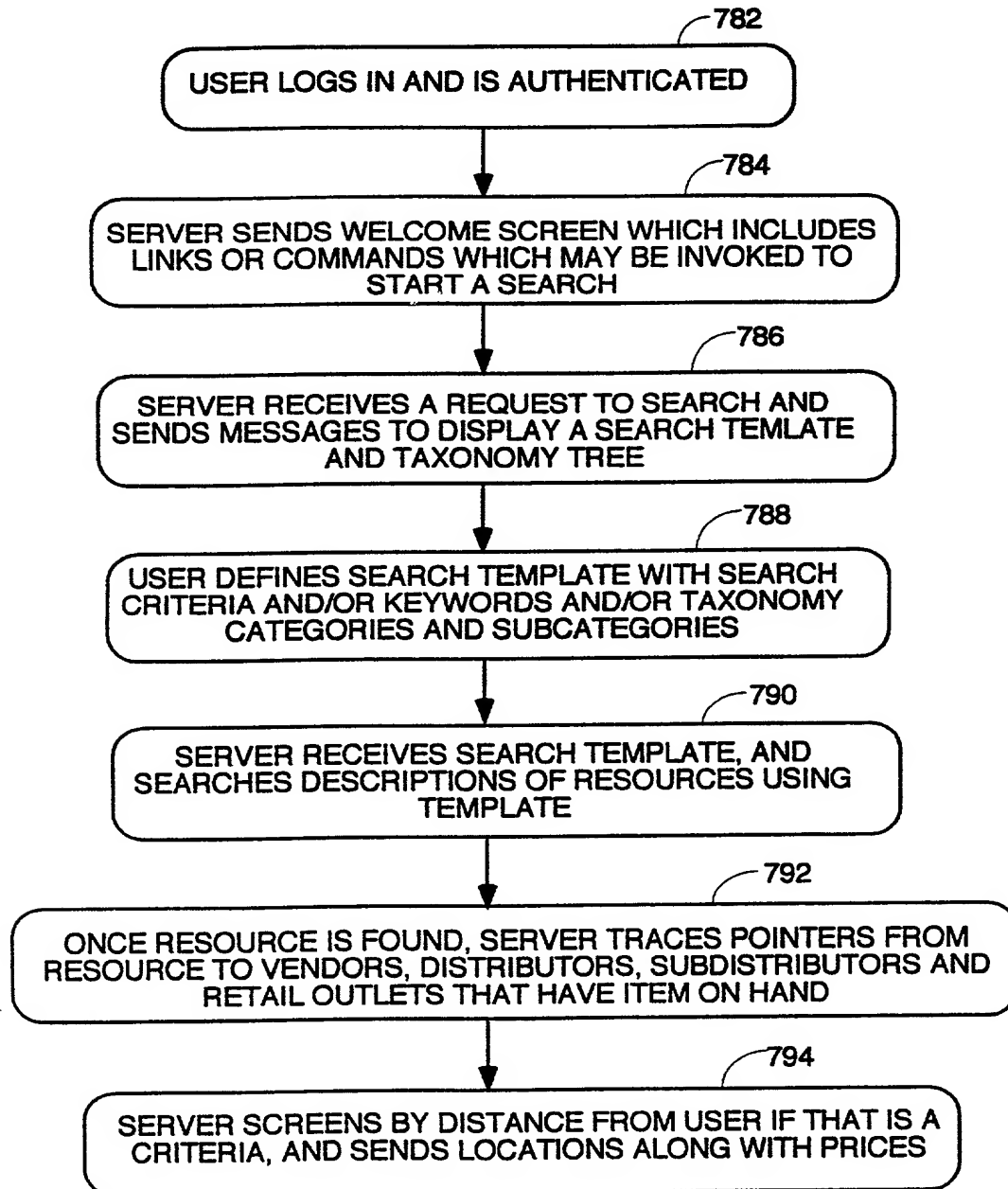


FIG.28